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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/035,832
	Filing Date	December 26, 2001
	First Named Inventor	David W. MORRIS
	Group Art Unit	1642
	Examiner Name	To Be Assigned
Total Number Of Pages In This Submission	20 + 143 Refs.	Attorney Docket No. 529452000120

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SIGNATURE OF APPLICANT, ATTORNEY OR AGENT	
Firm or Individual Name	Morrison & Foerster LLP, 755 Page Mill Road, Palo Alto, California 94304-1018
Signature	
Date	March 5, 2003

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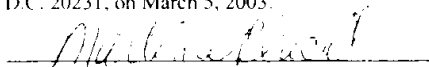
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PATENT  
Docket No. 529452000120

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In the application of:

David W. MORRIS and Eric K.  
ENGELHARD

Serial No.: 10/035,832

Filing Date: December 26, 2001

For: NOVEL COMPOSITIONS AND  
METHODS FOR CANCER

Examiner: To Be Assigned

Group Art Unit: 1642

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**INFORMATION DISCLOSURE  
STATEMENT UNDER 37 C.F.R. § 1.97 AND § 1.98**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO-1449. Copies of the documents are also submitted herewith. The Examiner is requested to make these documents of record.

This Information Disclosure Statement is submitted:

- ☐ With the application; accordingly, no fee or separate requirements are required.
- ☒ Within three months of the application filing date or before mailing of a first Office Action on the merits; accordingly, no fee or separate requirements are required.
- ☐ After receipt of a first Office Action on the merits but before mailing of a final Office Action or Notice of Allowance.
  - ☐ A fee is required. A check in the amount of is enclosed.
  - ☐ A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.
  - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below; accordingly, no fee is believed to be due.
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  - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below and a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.

Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

The information contained in this Information Disclosure Statement under 37 C.F.R. § 1.97 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

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Dated: March 5, 2003

Respectfully submitted,

By: Shantanu Basu  
Shantanu Basu  
Registration No. 43,318

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Form PTO-1449

Docket Number 529452000120

Application Number 10/035,832

# INFORMATION DISCLOSURE CITATION IN AN APPLICATION

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Applicant

David W. MORRIS and Eric K. ENGLEHARD

Filing Date December 26, 2001

Group Art Unit 1642

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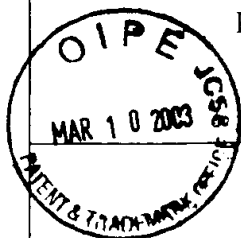
## U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
	1.	12/18/1979	4,179,337	Davis et al.			
	2.	11/17/1981	4,301,144	Iwashita et al.			
	3.	09/04/1984	4,469,863	Ts'o et al.			
	4.	01/29/1985	4,496,689	Mitra			
	5.	02/03/1987	4,640,835	Shimizu et al.			
	6.	06/02/1987	4,670,417	Iwasaki et al.			
	7.	12/13/1988	4,791,192	Nakagawa et al.			
	8.	03/28/1989	4,816,567	Cabilly et al.			
	9.	07/23/1991	5,034,506	Summerton et al.			
	10.	06/23/1992	5,124,246	Urdea et al.			
	11.	06/01/1993	5,216,141	Benner			
	12.	08/10/1993	5,235,033	Summerton et al.			
	13.	10/25/1994	5,359,100	Urdea et al.			
	14.	01/31/1995	5,386,023	Sanghvi et al.			
	15.	08/29/1995	5,445,934	Fodor et al.			
	16.	08/13/1996	5,545,730	Urdea et al.			
	17.	08/13/1996	5,545,806	Lonberg et al.			
	18.	08/13/1996	5,545,807	Surani et al.			
	19.	10/29/1996	5,569,825	Lonberg et al.			
	20.	11/05/1996	5,571,670	Urdea et al.			
	21.	12/03/1997	5,580,731	Chang et al.			
	22.	01/07/1997	5,591,584	Chang et al.			
	23.	01/14/1997	5,594,117	Urdea et al.			
	24.	01/14/1997	5,594,118	Urdea et al.			
	25.	01/28/1997	5,597,909	Urdea et al.			
	26.	02/11/1997	5,602,240	De Mesmaeker et al.			

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Application Number 10/035,832

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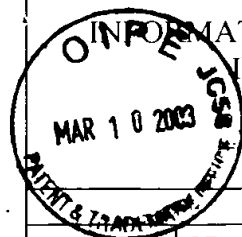
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27.	04/29/1997	5,624,802	Urdea et al.			
28.	04/29/1997	5,625,126	Lonberg et al.			
29.	05/27/1997	5,633,425	Lonberg et al.			
30.	06/03/1997	5,635,352	Urdea et al.			
31.	06/10/1997	5,637,684	Cook et al.			
32.	07/01/1997	5,644,048	Yau			
33.	08/26/1997	5,661,016	Lonberg et al.			
34.	10/28/1997	5,681,697	Urdea et al.			
35.	10/28/1997	5,681,702	Collins et al.			
36.	12/23/1997	5,700,637	Southern			
37.	11/28/2000	6,153,441	Appelbaum et al.			

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## FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES	NO
	38.	09/11/1987	WO 87/05330	WIPO				
	39.	09/20/1990	WO 90/10448	WIPO				
	40.	04/18/1991	WO 91/04753	WIPO				
	41.	09/21/1995	WO 95/25116	WIPO				
	42.	12/28/1995	WO 95/35505	WIPO				
	43.	07/31/1997	WO 97/27212	WIPO				
	44.	07/31/1997	WO 97/27213	WIPO				

## OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
	45.	Altschul, S. F. and Gish, W. (1996). "Local Alignment Statistics" <i>In</i> <u>Methods in Enzymology</u> Vol. 266. Academic Press, Inc., pp. 460-480.
	46.	Altschul, S. F. et al. (1990). "Basic Local Alignment Search Tool," <i>J. Mol. Biol.</i> 215:403-410.
	47.	Aplin, J. D. and Wriston, Jr., J. C. (1981). "Preparation, Properties, and Applications of Carbohydrate Conjugates of Proteins and Lipids," <i>LA Crit. Rev. Biochem.</i> pp. 259-306.

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Docket Number 529452000120

Application Number 104035,832

# INFORMATION DISCLOSURE CITATION IN AN APPLICATION

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48. Arenberg, D. A. et al. (2001). "The Murine CC Chemokine, 6C-Kine, Inhibits Tumor Growth and Angiogenesis in a Human Lung Cancer SCID Mouse Model," *Cancer Immunol. Immunother.* 50:587-592.
49. Ausubel, F. M. et al., eds. (1992). Short Protocols in Molecular Biology. Greene Publishing Associates and John Wiley & Sons, pp. iii-xviii (Table of Contents Only).
50. Beaucage, S. L. and Iyer, R. P. (1993). "The Functionalization of Oligonucleotides Via Phosphoramidite Derivatives," *Tetrahedron* 49(10):1925-1963.
51. Boener, P. et al. (1991). "Production of Antigen-Specific Human Monoclonal Antibodies from in Vitro-Primed Human Splenocytes," *J. Immunol.* 147(1):86-95.
52. Bolli, M. et al. (1994). " $\alpha$ -Bicyclo-DNA: Synthesis, Characterization, and Pairing Properties of  $\alpha$ -DNA-Analogues with Restricted Conformational Flexibility in the Sugar-Phosphate Backbone," Chapter 7 In Carbohydrate Modifications in Antisense Research. Shanghvi, Y. S and Cook, P. D, eds, American Chemical Society, Washington, pp. 100-117.
53. Brill et al. (1989). "Synthesis of Oligodeoxynucleoside Phosphoridithioates via Thioamidites," *J. Am Chem soc.* 111:2321-2322.
54. Brower, V. (1998). "New German Government Muddies the Biotech Waters," *Nature Biotechnology* 16:1304-1305.
55. Carlsson, C. et al. (1996). "Screening for Genetic Mutations," *Nature* 380:207 (1 page total).
56. Cole, S.P.C., et al. (1985). "The EBV-Hybridoma Technique and Its Application to Human Lung Cancer," In Monoclonal Antibodies and Cancer Therapy, Reisfeld, R. A. and Sell, S., ed., Alan R. Liss, New York, p. 77-96 (Includes Table of Contents).
57. Creighton, T. E., ed. (1983). "Posttranslational Covalent Modifications of Polypeptide Chains," Chapter 2 In Proteins: Structure and Molecular Properties. W. H. Freeman & Co., San Francisco pp. 79-86 (Includes Table of Contents).
58. David, G. S. and Reisfeld, R. A. (1974). "Protein Iodination with Solid State Lactoperoxidase," *Biochemistry* 13(5):1014-1021.
59. De Mesmaeker, A. et al. (1994). "Comparison of Rigid and Flexible Backbones in Antisense Oligonucleotides," *Bioorganic & Medicinal Chem. Lett.* 4(3):395-398.
60. De Mesmaeker, A. et al. (1994). "Novel Backbone Replacements for Oligonucleotides," Chapter 2 In Carbohydrate Modifications in Antisense Research. Shanghvi, Y. S and Cook, P. D, eds, American Chemical Society, Washington, pp. 24-39.
61. Dempcy, R. O. et al. (1995). "Synthesis of a Thymidyl Pentamer of Deoxyribonucleic Guanidine and Binding Studies with DNA Homopolynucleotides," *Proc. Natl Acad. Sci. USA* 92:6097-6101.
62. Devereux et al. (1984). "A Comprehensive Set of Sequence Analysis Programs for the VAX," *Nuc. Acid. Res.* 12(1):387-395.

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Docket Number 529452000120

Application Number 10255,832

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Applicant

David W. MORRIS and Eric K. ENGLEHARD

Filing Date December 26, 2001

Group Art Unit 1642

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63. Doudney, K. et al. (2001). "Comparative Physical and Transcript Maps of ~ 1 Mb around *haptail*, a Gene for Severe Neural Tube Defects on Distal Mouse Chromosome 1 and Human Chromosome 1q22-q23," *Genomics* 72(2):180-192.
64. Eckstein, F., ed. (1991). *Oligonucleotides and Analogues: A Practical Approach*, Oxford University Press, vii-xvii. (Table of Contents Only).
65. Edge, A. S. B. et al. (1981). "Deglycosylation of Glycoproteins by Trifluoromethanesulfonic Acid," *Anal. Biochem.* 118:131-137.
66. Egholm, M. (1993). "PNA Hybridizes to Complementary Oligonucleotides Obeying the Watson-Crick Hydrogenbonding," *Nature* 365:566-568.
67. Elgholm, M. et al. (1992). "Peptide Nucleic Acids (PNA). Oligonucleotide Analogues with an Achiral Peptide Backbone," *J. Am. Chem. Soc.* 114:1895-1897.
68. Evan, G. I. et al. (1985). "Isolation of Monoclonal Antibodies Specific for Human c-myc Proto-Oncogene Product," *Biology* 5(12):3610-3616.
69. Fan, L. et al. (2000). "Cutting Edge: Ectopic Expression of the Chemokine TCA4/SLC is Sufficient to Trigger Lymphoid Neogenesis," *J. Immunol.* 164(8):3955-3959.
70. Feng, D. F. & Doolittle, R. F. (1987). "Progressive Sequence Alignment as a Prerequisite to Correct Phylogenetic Trees," *J. Mol. Evol.* 35:351-360.
71. Field, J. et al. (1988). "Purification of a RAS-Responsive Adenylyl Cyclase Complex from *Saccharomyces Cerevisiae* by Use of a Epitope Addition Method," *Mol Cell. Biol.* 8(5):2159-2165.
72. Fishwild, D. M. et al. (1996). "High-Avidity Human IgGk Monoclonal Antibodies from a Novel Strain of Minilocus Transgenic Mice," *Nature Biotechnology* 14:845-851.
73. Gao, X. and Jeffs, W. P. (1994). "Unusual Conformation of a 3'-thioformacetal Linkage in a DNA Duplex," *J. Biomolecular NMR* 34:17-34.
74. Germer, S. et al. (2000). "High-Throughput SNP Allele-Frequency Determination in Pooled DNA Samples by Kinetic PCR," *Genome Res.* 10:258-266.
75. Goding. (1986). *Monoclonal Antibodies: Principles and Practice*, Academic Press pp. 59-103.
76. Hansen, G. M. et al. (2000). "Genetic Profile of Insertion Mutations in Mouse Leukemias and Lymphomas," *Genome Res.* 10(2):237-243.
77. Heid, C. A et al. (1996). "Real Time Quantitative PCR," *Genome Research* 6:986-994.
78. Herdewjn, P. et al. (1994). "Hexopyranosyl-Like Oligonucleotides," Chapter 6 *In Carbohydrate Modifications in Antisense Research*. Shangkhi, Y. S and Cook, P. D, eds, American Chemical Society, Washington, pp. 80-99.
79. Higgins, D. G. and Sharp, P. M. (1989). "Fast and Sensitive Multiple Sequence Alignments on a Microcomputer," *CABIOS* 5(2):151-153.
80. Hoogenboom, H. R. and Winter, G. (1991). "By-Passing Immunisation Human Antibodies from Synthetic Repertoires of Germline VH Gene Segments Rearranged in Vitro," *J. Mol. Biol.* 227:381

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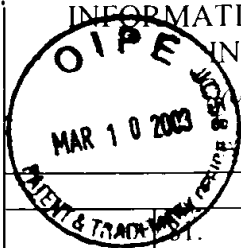
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81.	Hopp, T. P. et al. (1988). "A Short Polypeptide Marker Sequence Useful for Recombinant Protein Identification and Purification," <i>Biotechnology</i> 6:1204-1210.
82.	Horn, T. et al. (1996). "Oligonucleotides with Alternating Anionic and Cationic Phosphoramidate Linkages: Synthesis and Hybridization of Stereo-Uniform Isomers," <i>Tetrahedron</i> 37(6):743-746.
83.	Hwang, H. C. et al. (2002). "Identification of Oncogenes Collaborating with p27 <sup>Kip1</sup> Loss by Insertional Mutagenesis and High-Throughput Insertion Site Analysis," <i>PNAS</i> 99(17):11293-11298 (Includes supporting information).
84.	Jenkins, G. N. et al. (1995). "The Biosynthesis of Carbocyclic Nucleosides," <i>Chem. Soc. Rev.</i> pp. 169-176.
85.	Jones, P. T. et al. (1986). "Replacing the Complementarity-Determining Regions in a Human Antibody with Those from a Mouse," <i>Nature</i> 321:522-525.
86.	Joosten, M. et al. (2000). "Phenotyping of Evi 1, Evi 11/Cb2, and Evi 12 Transformed Leukemias Isolated from a Novel Panel of Cas-Br-M Murine Leukemia Virus-Infected Mice," <i>J. Virology</i> 268:308-318.
87.	Jung, M. P. et al. (1994). "Hybridization of alternating Cationic/Anionic Oligonucleotides to RNA Segments," <i>Nucleosides &amp; Nucleotides</i> 13(6&7):1597-1605.
88.	Karlin, S. et al. (1993). "Applications and Statistics for Multiple High-Scoring Segments in Molecular Sequences," <i>PNAS USA</i> 90:5873-5787.
89.	Köhler, G. and Milstein, C. (1975). "Continuous Cultures of Fused Cells Secreting Antibody of Predefined Specificity," <i>Nature</i> 256:495-497.
90.	Kohno, T. et al. (2000). "Identification of Genes Associated with the Progression of Adult T-Cell Leukemia (ATL)," <i>Jpn J. Res.</i> 1103-1110.
91.	Lee, S. Wong et al. (1999). "Cloning of Mouse Sepiapterin Reductase Gene and Characterization of its Promoter Region," <i>Biochimica and Biophysica Acta</i> 1445(1):165-171.
92.	Letsinger, R. L. et al. (1986). "Effects of Pendant Group at Phosphorus on Binding Properties of D-ApA Analogues," <i>Nucl. Acids. Res</i> 14:3487-3499.
93.	Letsinger, R. L. et al. (1988). "Cationic Oligonucleotides," <i>J. Am. Chem. Soc.</i> 110:4470-4471.
94.	Letsinger, R.L. and Mungall, W. S. (1970). "Phosphoramidate Analogs of Oligonucleotides," <i>J. Org. Chem</i> 35:3800-3803.
95.	Li, J. et al. (1999). "Leukaemia Disease Genes: Large-Scale Cloning and Pathway Predictions," <i>Nature Genetics</i> 23:348-353.
96.	Lockhart, D. J. et al. (1996). "Expression Monitoring by Hybridization High-Density Oligonucleotide Arrays," <i>Nature Biotechnology</i> , 14:1675-1680.
97.	Lonberg, N. and Huszar, D. (1995). "Human Antibodies from Transgenic Mice," <i>Intern. Rev. Immunol.</i> 13:65-93.

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Form PTO-1449		Docket Number 529452000120	Application Number 100005,832
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)		Applicant David W. MORRIS and Eric K. ENGLEHARD	
		Filing Date December 26, 2001	Group Art Unit 1642
		Mailing Date March 5, 2003	
98.	Longberg, N. et al. (1994). "Antigen-Specific Human Antibodies from Mice Comprising Four Distinct Genetic Modifications," <i>Nature</i> 368:856-859.		
99.	Lund, A. H. et al. (2002). "Genome-Wide Retroviral Insertional Tagging of Genes Involved in Cancer in Cdkn2a-Deficient Mice," <i>Nature Genetics Advance online Publication</i> pp. 1-6.		
100.	Lutz-Freyermuth, C. et al. (1990). "Quantitative Determination That One of Two Potential RNA-Binding Domains of the A Protein Component of the U1 Small Nuclear Ribonucleoprotein Complex Binds with High Affinity to Stem-Loop II of U1 RNA," <i>Proc. Natl Acad. Sci. USA</i> 87:6393-6397.		
101.	Maddry, J. A. et al. (1994). "Synthesis of Nonionic Oligonucleotide Analogues," Chapter 3 In <i>Carbohydrate Modifications in Antisense Research</i> . Shangkhi, Y. S and Cook, P. D, eds, American Chemical Society, Washington, pp. 40-41.		
102.	Mag, M. et al. (1991). "Synthesis and Selective Cleavage of an Oligodeoxynucleotide Containing Nucleic Acids Res. 19:1437-1441		
103.	Marks, J. D. et al. (1991). "By-Passing Immunization, Human Antibodies from V-Gene Libraries Displayed on Phage," <i>J. Mol. Biol.</i> 222:581-597.		
104.	Marks, J. D. et al. (1992). "By-Passing Immunization: Building High Affinity Human Antibodies by Chain Shuffling," <i>Bio/Technology</i> 10:779-783.		
105.	Martin, G. A. et al. (1992). "GAP Domains Responsible for Ras p21-Dependent Inhibition of Muscarinic Atrial K <sup>+</sup> Channel Currents," <i>Science</i> 255:192-194.		
106.	Meier, C. et al. (1992). "Peptide Nucleic Acids (PNAs) -- Unusual Properties of Nonionic Oligonucleotide Analogues," <i>Angew Chem. Int. ed. Engl.</i> 31(8):1008-1010.		
107.	Mikkers, H. et al. (2002). "High-Throughput Retroviral Tagging to Identify Components of Specific Signaling Pathways in Cancer," <i>Nature Genetics Advance Online Publication</i> , pp. 1-7.		
108.	Moore, A. S. (2001). "The Role of Chemoattraction in Cancer Metastases," <i>BioEssays</i> 23:674-676.		
109.	Morrison, S. L. (1994). "Success in Specification," <i>Nature</i> 368:812-813.		
110.	Müller, A. et al. (2001). "Involvement of Chemokine Receptors in Breast Cancer Metastasis," <i>Nature</i> 410:50-56		
111.	Needleman, S. B. and Wunsch, C. D. (1970). "A General Method Applicable to the Search for Similarities in the Amino Acid Sequence of Two Proteins," <i>J. Mol. Biol.</i> 48:443.		
112.	Neuberger, M. (1996). "Generating High-Avidity Human Mabs in Mice," <i>Nature Biotechnology</i> 14:826 (1 page total).		
113.	Nygren, H. (1982). "Conjugation of Horseradish Peroxidase to Fab Fragments with Different Homobifunctional and Heterobifunctional Cross-Linking Reagents," <i>Histochem and Cytochem</i> 30:407-412.		
114.	Paborsky, L. R. et al. (1990). "Mammalian Cell Transient Expression of Tissue Factor for the Production of Antigen," <i>Protein Engineering</i> 3(6):547-553.		
EXAMINER:		DATE CONSIDERED:	
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Applicant

David W. MORRIS and Eric K. ENGLEHARD

Filing Date December 26, 2001

Group Art Unit 1642

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|------|---|
| 115. | Pain, D. et al. (1981). "Preparation of Protein A-Peroxidase Monoconjugate Using A. Heterobifunctional Reagent, and its use in Enzyme Immunoassays," <i>J. Immunol. Meth.</i> 40:249                                |
| 116. | Pauwels, R. et al. (1986). "Biological Activity of New 2-5A Analogues," <i>Chemica Scripta</i> 26:141-145.  |
| 117. | Pearson, W. R. & Lipman, D. J. (1988). "Improved Tools for Biological Sequence Comparison," <i>PNAS USA</i> 85:2444-2448.   |
| 118. | Pierce (1994). "Cross-Linking," <i>Pierce Catalog and Handbook</i> pp. 155-200.   |
| 119. | Presta, L. G. (1992). "Antibody Engineering", <i>Current Opinion in Structural Biology</i> 2:593-596.   |
| 120. | Rawls, R. L. (1997). "Optimistic About Antisense," <i>C &amp; E. News</i> 35-40.  |
| 121. | Riechmann, L. et al. (1988). "Reshaping Human Antibodies for Therapy," <i>Nature</i> 332:323-327.   |
| 122. | Sambrook, J. et al., eds. (1989). <i>Molecular Cloning, a Laboratory Manual</i> , Second Edition. Cold Spring Harbor Laboratory Press. pp.xi-xxxviii. (Table of Contents Only).                                     |
| 123. | Scopes, R. K., ed. (1982). <i>Protein Purification: Principles and Practice</i> . Springer-Verlag, New York, Heidelberg, Berlin, pp. xi-xiii.   |
| 124. | Smith, T. F. and Waterman, M. S. (1981). "Comparison of Biosequences," <i>Adv. Appl. Math.</i> 2:482-489.   |
| 125. | Sojar, H. T. and Bahl, O. P. (1987). "A Chemical Method for the Deglycosylation of Proteins," <i>Archives of Biochemistry and Biophysics</i> 52-57.   |
| 126. | Sorensen, A. B. (1993). "Amplification and Sequence Analysis of DNA Flanking Integrated Proviruses by a Simple Two-Step Polymerase Chain Reaction Method," <i>Journal of Virology</i> 67(12):7118-7124.             |
| 127. | Sorensen, A. B. et al. (1993). "Sequence Tags for Provirus Integration Sites in DNAs of Tumors Induced by the Murine Retrovirus SL3-3," <i>J. Virology</i> 70(6):4063-4070.   |
| 128. | Sorensen, A. B. et al. (2000). "Sintl, a Common Integration Site in SL3-3-Induced T-Cell Lymphomas, Harbors a Putative Proto-Oncogene with Homology to the Septin Gene Family," <i>J. Virology</i> 74(5):2161-2168. |
| 129. | Sprinzi, M. et al. (1977). "Enzymatic Incorporation of ATP and CTP Analogues Into the 3' End of tRNA," <i>Eur. J. Biochem</i> 81:579-589.   |
| 130. | Stein, C. A. and Cohen, J. S. (1988). "Oligodeoxynucleotides as Inhibitors of Gene Expression: A Review," <i>Cancer Res.</i> 48:2659-2668.  |
| 131. | Suzuki, T. et al. (2002). "New Genes Involved in Cancer Identified by Retroviral Tagging," <i>Nature Genetics Advance Online Publication</i> pp. 1-9.   |
| 132. | Suzuki, T. et al. (2002). Retroviral Tagging in the Post-Genome Era Identifies New Genes Involved in Cancer. (1 page total)   |

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DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

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- |      |   |
|------|---|
| 133. | Thotakura, N. R. and Bahl, O. P. (1987). Enzymathis Deglycosylation of Glycoproteins," <i>In Methods in Enzymology</i> Vol. 138. Academic Press, Inc., pp. 350-359.   |
| 134. | Tijssen (1993). "Overview of Principles of Hybridization and the strategy of nucleic acid assays," Chapter 2 <i>In Laboratory Techniques in Biochemistry and Molecular Biology</i> , Volume 24 Vliet, P. C., ed. Elsevier, Amsterdam, London, New York, and Tokyo, pp. 20-78. |
| 135. | Van der Krol, A. R et al. (1988). "Modulation of Eukaryotic Gene Expression by Complementary RNA or DNA Sequences," 6(10):958-976.  |
| 136. | Varmus, H. E. (1983). "Using Retroviruses as Insertional Mutagens to Identify Cellular Oncogenes," <i>In Oncogenes and Retroviruses: Evaluation of Basic Findings and Clinical Potential</i> . Alan R. Liss, Inc., New York. pp. 23-35.                                       |
| 137. | Vaughn, J. et al. (2000). "Genomic Structure and Expression of Human <i>KCNJ9</i> (Kir3.3/GIRK3)," <i>Biochem. Biophys. Res. Commun</i> 274(2):302-309.   |
| 138. | Verhoeven, M. et al. (1988). "Reshaping Human Antibodies: Grafting an Antilysozyme Activity," <i>Science</i> 239:1534-1536.   |
| 139. | von Kiedrowski, G. et al. (1991). "Parabolic Growth of a Self-Replicating Hexadeoxynucleotide Bearing a 3'-5'-Phosphoramidate Linkage," <i>Angew. Chem. Int. Ed. Engl</i> 30(4):423-426   |
| 140. | Washington University. (2002). "Washington University BLAST Archives" located at <a href="http://blast.wustl">http://blast.wustl</a> visited on December 15, 2002.  |
| 141. | Wolford, J. K. (2001). "Analysis of Linkage Disequilibrium Between Polymorphisms in the <i>KCNJ9</i> Gene with Type 2 Diabetes Mellitus in Pima Indians," <i>Mol. Genet. Metab</i> 73(1):97-103.  |
| 142. | Zhang, W-X and Yang, S. Y. (2000). "Cloning and Characterization of a New Member of the T-Box Gene Family," <i>Genomics</i> 70(1):41-48.  |
| 143. | Zlokarnik, G. et al. (1998). "Quantitation of Transcription and Clonal Selection of Single Living Cells with $\beta$ -Lactamase as Reporter," <i>Science</i> 279:84-88.   |

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